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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of

Applicants : Hangartner et al.
Serial No. : 10/550,668
Filed : September 26, 2005
Title : OSTEOPOROSIS SCREENING USING RADIOGRAPHIC
ABSORPTIOMETRY OF THE MANDIBLE
Docket : WRU 0239 PA/40878.305

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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William A. Jividen

Reg. No. 42,695

Sir:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.56, 1.97, AND 1.98

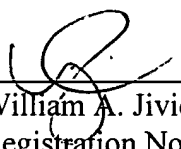
Applicants submit herewith patents, publications, and other information of which they are aware, which they believe may be material, as defined in 37 CFR §1.56(b), to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56(a). While the information referred to in this Information Disclosure Statement may be material pursuant to 37 CFR §1.56(b), the filing of this Information Disclosure Statement is not intended to, pursuant to 37 CFR §1.97(h), constitute an admission that any patent, publication, or other information referred to is, or is considered to be, material to the patentability of this invention. No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103, and Applicants reserves the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish otherwise. Further, pursuant to 37 CFR §1.97(g), the filing of this Statement should not be construed as a statement that a search has been made or that no other material information exists.

This Information Disclosure Statement is being filed within the period set forth in 37 CFR §1.97(b) because it is believed to be filed before the mailing date of a first office action on the merits.

Serial No. 10/550,668
Docket No. WRU 0239 PA/40878.305

The Office has waived the requirement pursuant to 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003. Therefore, no copies of each cited U.S. patent and each cited U.S. patent application publication are enclosed, but the cited U.S. patents and the cited U.S. patent application publications are listed on PTO/SB/08A.

Respectfully submitted,
DINSMORE & SHOHL LLP

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/550,668
Filing Date	September 26, 2005
First Named Inventor	Hangartner et al.
Art Unit	
Examiner Name	
Attorney Docket Number	WRU 0239 PA/40878.305

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- Des. 406,892	03/16/1999	Warren	
		US- 5,187,731	02/16/1993	Shimura	
		US- 5,544,157	08/06/1996	Wenstrup et al.	
		US- 5,784,433	07/21/1998	Higa	
		US- 5,852,647	12/22/1998	Schick et al.	
		US- 5,915,036	06/22/1999	Grunkin et al.	
		US- 6,205,348 B1	03/20/2001	Giger et al.	
		US- 6,320,931 B1	11/20/2001	Arnold	
		US- 6,324,252 B2	11/27/2001	Siffert et al.	
		US- 6,343,875 B1	02/05/2002	Eppinger et al.	
		US- 6,381,301 B1	04/30/2002	Massie	
		US- 2002/0150205 A1	10/17/2002	Adriaansz	
		US- 2002/0154733 A1	10/24/2002	Massie	
		US- Des. 407,158	03/23/1999	Rubinstein	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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		Application Number	10/550,668		
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		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	WRU 0239 PA/40878.305

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Investigator Abstracts Biomedical Engineering, Biomedical Engineering Research Grants April 1999, Theresa Atkinson, Ph. D. Assistant Professor, Department of Mechanical Engineering Wayne State University (RG-98-0530) Detroit, MI.	✓
		Yang et al., Radiographic Absorptionmetry for Bone Mineral Measurement of the Phalanges: Precision and Accuracy Study. September 1994, 192:857-859	
		Michaeli et al., A New X-Ray Based Osteoporosis Screening Tool Provides Accurate and Precise Assessment of Phalanx Bone Mineral Content, Journal of Clinical Densitometry vol. 2, no. 1 23-30 Winter 1998.	✓
		Tambe et al., Analysis of dental X-ray images, "Extraction of trabecu from panoramic X-ray images of gnathic bone," 2001 General Conference, The Institute of Electronics, Information and Communication Engineers.	✓
		Horner et al., Mandibular bone mineral density as a predictor of skeletal osteoporosis, 1996 The British Journal of Radiology Vol. 69. No. 827.	
		Colbert et al., Radiographic Absorptiometry (Photodensitometry), Survey of Phalangeal Bone Mineral Density and Bone Sizes in a Sample Population of 50 Hemodialysis Patients, Internal Report, Radiological Research Laboratory, Yellow Springs, Ohio, December 5, 1978.	
		MSc Project: Detection of Osteoporosis from Dental Radiographs. The University of Manchester copyright 2001.	
		Seq # 126 - Epidemiology and Quality of Life Thursday, March 7, 2002 San Diego Convention Center Exhibit Hall C.	

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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